

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
28 April 2005 (28.04.2005)

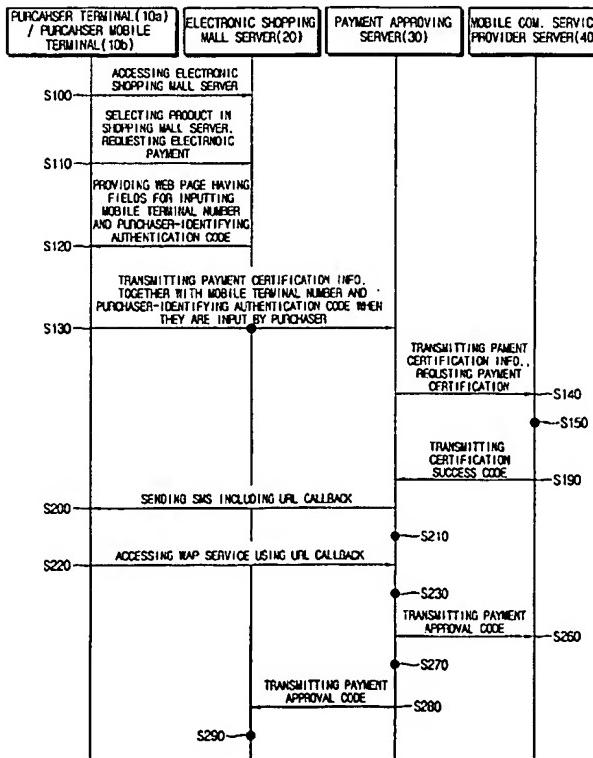
PCT

(10) International Publication Number
WO 2005/038684 A1

- (51) International Patent Classification⁷: G06F 17/60 Chang-Yeop [KR/KR]; 101-102 Sinseong Apt., 546, Dunchon-dong, Gangdong-gu, Seoul 134-060 (KR).
- (21) International Application Number: PCT/KR2004/002649 (74) Agents: LEE, Sang-Yong et al.; 4F, Byukcheon Bldg., 1597-5, Seocho-dong, Seocho-gu, Seoul 137-876 (KR).
- (22) International Filing Date: 15 October 2004 (15.10.2004)
- (25) Filing Language: Korean
- (26) Publication Language: English
- (30) Priority Data:
10-2003-0072209 16 October 2003 (16.10.2003) KR
- (71) Applicant (for all designated States except US): MOBILIANS CO., LTD. [KR/KR]; 37F, ASEM Tower, 159-1, Samseong 1-dong, Gangnam-gu, Seoul 135-798 (KR). (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): HWANG,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: METHOD FOR APPROVING ELECTRONIC PAYMENT USING THE SHORT MESSAGE SERVICE INCLUDING URL CALL BACK AND SYSTEM FOR IMPLEMENTING THE SAME



(57) Abstract: Disclosed are method and system for approving electronic payment using SMS including URL callback. Using this method, possession of a mobile terminal is very simply checked for approval of the payment using the mobile terminal. That is to say, if a payment approving server transmits SMS including URL callback to the mobile terminal of a purchaser and the purchaser accesses wireless Internet with the URL callback without inputting any certification number, the payment approving server extracts a mobile terminal number from WAP data packet transmitted from the mobile terminal accessed to the wireless Internet and then checks whether the purchaser possesses the mobile terminal. In addition, a purchaser-identifying authentication code requiring security is not transmitted via the electronic shopping mall server, but directly input to the payment approving server through the wireless Internet, thereby ensuring safe electronic payment.

WO 2005/038684 A1



FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*